Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Wednesday 01 Sep 2021 until 23:59 on Thursday 02 Sep 2021

Forecast Issued on Tuesday 31 Aug 2021 at 16:59

Confidence: High for generally settled conditions through much of the week. Medium for timing of the development of unsettled conditions through the weekend.

Headline for Wednesday 01 Sep 2021: Cloudy at first, some brighter spells possible later.

Mountain weather hazards on Wednesday 01 Sep 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Dull	Dull	Dull	Dull	Dull	Dull	Dull
Precipitation probability							
00%	00%	00%	00%	00%	00%	00%	00%

Forecast for Wednesday 01 Sep 2021

Weather: Cloudy overnight, with some hill fog likely to persist across a number of higher peaks, perhaps with some light rain or drizzle. Cloud lifting through the morning and thinning slightly from late morning and into the afternoon, giving some brief brighter spells. Thickening cloud then developing from the east through the evening.

Chance of cloud free mountain/hill tops above 600m: Less than 10% at first, increasing to 80% through the day as cloud lifts. Reducing to 10% or less later in the day.

Visibility: Bases down to 300m during the early hours and into the early morning, but lifting above the summits by mid-afternoon. Bases descending again into the evening, with bases again down to 300m, especially in the east.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Wednesday 01 Sep 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/21 NE	17/22 NE	15/21 NE	17/23 NE	17/23 NE	18/25 NE	19/26 NE	21/28 NE	19/26 NE
300	9/14 NE	10/15 NE	9/13 NE	11/17 NE	12/19 NE	14/21 NE	12/19 NE	13/20 NE	11/18 NE
Valley	6/14 NE	7/15 NE	7/15 NE	9/18 NE	10/19 NE	11/21 NE	10/20 NE	9/19 NE	7/17 NE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/7	9/6	9/6	10/6	11/8	12/9	11/8	9/5	9/5
300	12/10	12/10	11/10	12/10	14/12	15/12	14/12	12/10	11/9
Valley	13/12	12/11	12/11	13/12	15/13	16/14	15/13	12/11	12/10
Freezing Level*	2500m	2500m	2500m	2700m	2800m	2800m	2700m	2600m	2600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Navigation is likely to be difficult pre-dawn and into the early morning, with widespread low cloud, possibly leading to some disorientation possible.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Tue 31 Aug 2021	0.6mm	0.6mm	0.8mm

Forecast for Thursday 02 Sep 2021

Weather: Early low cloud, light rain or drizzle and hill fog gradually lifting through the day to give some brighter spells by the afternoon. Cloud descending again by the evening with further hill fog likely.

Maximum wind: 15-20mph gusting 25-30mph, slowly easing later

Chance of cloud free mountain/hill tops above 600m: 10% both early morning and late evening, but 80% through the day.

Visibility: Bases down to 300m overnight, rising above the summits during the day, descending to around 500m by the evening.

Temperature: **Valleys:** Plus 13 Celsius, rising to plus 18 Celsius.
At 600m: Plus 13 Celsius
Freezing level: Above the summits

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